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PHA 3300.1 (01449/1)
PATENT

Express Mail No. EV 453252951 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Rory F. Finn

Art Unit 1632

Serial No. 10/718,340

Filed November 20, 2003

Confirmation No. 3646

For N-TERMINALLY MONOPEGYLATED HUMAN GROWTH HORMONE
CONJUGATES AND PROCESS FOR THEIR PREPARATION

August 5, 2005

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SIR:

INFORMATION DISCLOSURE STATEMENT

* In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance
* with the duty of disclosure set forth in 37 C.F.R. 1.56, applicant submits the attached
PTO/SB/08A for consideration by the Patent and Trademark Office in the above-
entitled application and to be made of record therein.


* Applicant submits herewith copies of the foreign patent documents and literature
references.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R.
§1.97(b) in that applicants believe that it is being filed prior to the mailing date of the
first Office action on the merits. Accordingly, neither a statement nor fee under 37
C.F.R. §1.97(c) or (d) is required.

Respectfully submitted,

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EJH/AXS/vlm
*Enclosures

PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				Complete if Known	
				Application Number	10/718,340
				Filing Date	November 20, 2003
				Confirmation Number	3646
				First Named Inventor	Rory F. Finn
				Group Art Unit	1632
				Examiner Name	Maury A. Audet
Sheet	1	of	4	Attorney Docket No.	PHA 3300.1 (01449/1)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	4,002,531		Royer	01-11-1977
	2	4,179,337		Davis et al	12-18-1979
	3	4,658,021		Goeddel et al	04-14-1987
	4	4,904,584		Shaw	02-27-1990
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	13	6,113,906		Greenwald et al	09/05/2000

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
	14	EP	0 154 316	A2	Takeda Chemical Industries, Ltd.	09-11-1985	
	15	EP	0 335 423	A2	Kyowa Hakko Kogyo	10-04-1989	
	16	EP	0 401 384	A1	Kirin-Amgen Inc.	12-12-1990	
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	21	CN	1477126	A	Jinsai Pharmaceuticals Ltd.	02-25-2004	√
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	29	WO	02/09766	A1	Park, Myuang-Ok	02-07-2002	
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	30	WO	03/044056	A2	Pharmacia Corp.	05-30-2003	
OTHER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ⁶
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	35	HUTCHINS, R.O. et al., "Cyanoborohydride, Utility and Applications in Organic Synthesis. A Review", Organic Preparations and Procedures Int., (1979), pp. 201-246, Vol. 11:5					
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	38	KNAUF, M.J. et al, "Relationship of Effective Molecular Size to Systemic Clearance in Rats of Recombinant Interleukin-2 Chemically Modified with Water-soluble Polymers", The Journal Biological Chemistry, (1988), pp. 15064-15070, Vol. 263:29					
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	40	MEANS, G.E., "Reductive Alkylation of Proteins", Journal of Protein Chemistry, (1984), pp. 121-130, Vol. 3:1					

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	42	ROBERTS, M.J. et al, "Chemistry for peptide and protein PEGylation", Advanced Drug Delivery Reviews, (2002), pp. 459-476, Vol. 54	
	43	WETZEL, R. et al., "A General Method for Highly Selective Cross-Linking of Unprotected Polypeptides via pH-Controlled Modification of N-Terminal α -amino Groups", Bioconjugate Chem., (1990), pp. 114-122, Vol. 1:2	

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